Index of authors and papers to Volume 273

Akhiezer, A.I., Belozorov, D.P., Rofe-Beketov, F.S., Davydov, L.N. and Spolnik, Z.A., On the theory of propagation of chain nuclear reaction 273 (1999) 272
Amar, J.G., *see* Tataru, O. 273 (1999) 231
Ausloos, M., Kramer, M. and Vandewalle, N., Evolution on trees: a brief review about the extinctions of species, and the case of genocide in a Darwinistic punctuated equilibrium evolution model 273 (1999) 33
Azbel', M.Ya, Universal unification of life, death, evolution, post-evolution and extinction 273 (1999) 75
Azbel', M.Ya, Biological grand universality and its physical challenge 273 (1999) 486

Bakke, S., *see* Biswal, B. 273 (1999) 452
Bao, J.-D., Directed current of Brownian ratchet randomly circulating between two thermal sources 273 (1999) 286
Bassingthwaighte, J.B., *see* Kendziorski, C.M. 273 (1999) 439
Bastos de Figueiredo, J.C., *see* Diambra, L. 273 (1999) 495
Belozorov, D.P., *see* Akhiezer, A.I. 273 (1999) 272
Biswal, B., Manwart, C., Hilfer, R., Bakke, S. and Øren, P.E., Quantitative analysis of experimental and synthetic microstructures for sedimentary rock 273 (1999) 452
Brazhnyi, V.A., *see* Olemskoi , A.I. 273 (1999) 368
Buldyrev, S.V., *see* Stanley, H.E. 273 (1999) 1
Buldyrev, S.V., Dokholyan, N.V., Havlin, S., Stanley, H.E. and Stanley, R.H.R., Expansion of tandem repeats and oligomer clustering in coding and noncoding DNA sequences 273 (1999) 19
Buldyrev, S.V., *see* Havlin, S. 273 (1999) 46
Bunde, A., *see* Havlin, S. 273 (1999) 46

Cebrat, S., *see* Mackiewicz, P. 273 (1999) 103
Cebrat, S., *see* Kowalczuk, M. 273 (1999) 116
Cebrat, S., *see* de Oliveira, P.M. 273 (1999) 145
Curci, G. and D'Ambrosio, E., Perturbative and numerical methods for stochastic nonlinear oscillators 273 (1999) 329

de Oliveira, P.M., de Oliveira, S.M., Stauffer, D. and Cebrat, S., Penna ageing model and improvement of medical care in 20th century 273 (1999) 145
de Oliveira, P.M.C., Studying DNA evolution through successive file editions 273 (1999) 70
de Oliveira, S.M., Consequences of parental care on population dynamics 273 (1999) 140
de Oliveira, S.M., *see* de Oliveira, P.M. 273 (1999) 145
D'Ambrosio, E., *see* Curci, G. 273 (1999) 329
Danchin, A., From function to sequence, an integrated view of the genome texts 273 (1999) 92
Davydov, L.N., *see* Akhiezer, A.I. 273 (1999) 272
Dąbkowski, J., *see* Makowiec, D. 273 (1999) 169
Diambra, L., de Figueiredo, J.C.B. and Malta, C.P., Epileptic activity recognition in EEG recording 273 (1999) 495
Dokholyan, N.V., *see* Buldyrev, S.V. 273 (1999) 19
Dudek, M.R., *see* Mackiewicz, P. 273 (1999) 103
Dudek, M.R., *see* Kowalczuk, M. 273 (1999) 116

Ebeling, W., *see* Tilch, B. 273 (1999) 294

Family, F., *see* Tataru, O. 273 (1999) 231

Index of authors and papers to Volume 273

Akhiezer, A.I., Belozorov, D.P., Rofe-Beketov, F.S., Davydov, L.N. and Spolnik, Z.A., On the theory of propagation of chain nuclear reaction 273 (1999) 272
Amar, J.G., *see* Tataru, O. 273 (1999) 231
Ausloos, M., Kramer, M. and Vandewalle, N., Evolution on trees: a brief review about the extinctions of species, and the case of genocide in a Darwinistic punctuated equilibrium evolution model 273 (1999) 33
Azbel', M.Ya, Universal unification of life, death, evolution, post-evolution and extinction 273 (1999) 75
Azbel', M.Ya, Biological grand universality and its physical challenge 273 (1999) 486

Bakke, S., *see* Biswal, B. 273 (1999) 452
Bao, J.-D., Directed current of Brownian ratchet randomly circulating between two thermal sources 273 (1999) 286
Bassingthwaighte, J.B., *see* Kendziorski, C.M. 273 (1999) 439
Bastos de Figueiredo, J.C., *see* Diambra, L. 273 (1999) 495
Belozorov, D.P., *see* Akhiezer, A.I. 273 (1999) 272
Biswal, B., Manwart, C., Hilfer, R., Bakke, S. and Øren, P.E., Quantitative analysis of experimental and synthetic microstructures for sedimentary rock 273 (1999) 452
Brazhnyi, V.A., *see* Olemskoi , A.I. 273 (1999) 368
Buldyrev, S.V., *see* Stanley, H.E. 273 (1999) 1
Buldyrev, S.V., Dokholyan, N.V., Havlin, S., Stanley, H.E. and Stanley, R.H.R., Expansion of tandem repeats and oligomer clustering in coding and noncoding DNA sequences 273 (1999) 19
Buldyrev, S.V., *see* Havlin, S. 273 (1999) 46
Bunde, A., *see* Havlin, S. 273 (1999) 46

Cebrat, S., *see* Mackiewicz, P. 273 (1999) 103
Cebrat, S., *see* Kowalczuk, M. 273 (1999) 116
Cebrat, S., *see* de Oliveira, P.M. 273 (1999) 145
Curci, G. and D'Ambrosio, E., Perturbative and numerical methods for stochastic nonlinear oscillators 273 (1999) 329

de Oliveira, P.M., de Oliveira, S.M., Stauffer, D. and Cebrat, S., Penna ageing model and improvement of medical care in 20th century 273 (1999) 145
de Oliveira, P.M.C., Studying DNA evolution through successive file editions 273 (1999) 70
de Oliveira, S.M., Consequences of parental care on population dynamics 273 (1999) 140
de Oliveira, S.M., *see* de Oliveira, P.M. 273 (1999) 145
D'Ambrosio, E., *see* Curci, G. 273 (1999) 329
Danchin, A., From function to sequence, an integrated view of the genome texts 273 (1999) 92
Davydov, L.N., *see* Akhiezer, A.I. 273 (1999) 272
Dąbkowski, J., *see* Makowiec, D. 273 (1999) 169
Diambra, L., de Figueiredo, J.C.B. and Malta, C.P., Epileptic activity recognition in EEG recording 273 (1999) 495
Dokholyan, N.V., *see* Buldyrev, S.V. 273 (1999) 19
Dudek, M.R., *see* Mackiewicz, P. 273 (1999) 103
Dudek, M.R., *see* Kowalczuk, M. 273 (1999) 116

Ebeling, W., *see* Tilch, B. 273 (1999) 294

Family, F., *see* Tataru, O. 273 (1999) 231

Gafarov, F.M., *see* Yulmetyev, R.M. 273 (1999) 416
Gierlik, A., *see* Mackiewicz, P. 273 (1999) 103
Gierlik, A., *see* Kowalczuk, M. 273 (1999) 116
Gliozzi, A., *see* Indiveri, G. 273 (1999) 217
Gluzman, S., *see* Yukalov, V.I. 273 (1999) 401
Goldberger, A.L., *see* Stanley, H.E. 273 (1999) 1
Goldberger, A.L., *see* Havlin, S. 273 (1999) 46
Groth, M., *see* Makowiec, D. 273 (1999) 169
Guo, G.-C., *see* Yang, C.-P. 273 (1999) 352

Havlin, S., *see* Stanley, H.E. 273 (1999) 1
Havlin, S., *see* Buldyrev, S.V. 273 (1999) 19
Havlin, S., Buldyrev, S.V., Bunde, A., Goldberger, A.L., Ivanov, P.Ch., Peng, C.-K. and Stanley, H.E., Scaling in nature: from DNA through heartbeats to weather 273 (1999) 46
Hilfer, R., *see* Biswal, B. 273 (1999) 452

Indiveri, G., Scalas, E., Levi, A.C. and Gliozzi, A., Morphologies in two-dimensional growth with attractive long-range interactions 273 (1999) 217
Ivanov, P.Ch., *see* Havlin, S. 273 (1999) 46

Jain, R. and Ramakumar, S., Stochastic dynamics modeling of the protein sequence length distribution in genomes: implications for microbial evolution 273 (1999) 476
Jiménez-Aquino, J.I., *see* Orea, P. 273 (1999) 315

Kendziorski, C.M., Bassingthwaighte, J.B. and Tonellato, P.J., Evaluating maximum likelihood estimation methods to determine the Hurst coefficient 273 (1999) 439
Kimmel, M., Population dynamics coded in DNA: genetic traces of the expansion of modern humans 273 (1999) 158
Kowalczuk, M., *see* Mackiewicz, P. 273 (1999) 103
Kowalczuk, M., Gierlik, A., Mackiewicz, P., Cebrat, S. and Dudek, M.R., Optimization of gene sequences under constant mutational pressure and selection 273 (1999) 116
Kramer, M., *see* Ausloos, M. 273 (1999) 33

Levi, A.C., *see* Indiveri, G. 273 (1999) 217
Lobry, J.R., A nice wrong model for the evolution of DNA base frequencies 273 (1999) 99

Mackiewicz, P., Gierlik, A., Kowalczuk, M., Szczepanik, D., Dudek, M.R. and Cebrat, S., Mechanisms generating long-range correlation in nucleotide composition of the *Borrelia burgdorferi* genome 273 (1999) 103
Mackiewicz, P., *see* Kowalczuk, M. 273 (1999) 116
Magdoń, M.S. and Maksymowicz, A.Z., Penna model in migrating population – effect of environmental factor and genetics 273 (1999) 182
Makowiec, D., Dąbkowski, J. and Groth, M., The Eve effect in the Penna model of biological ageing 273 (1999) 169
Maksymowicz, A.Z., Influence of variations in threshold of bad mutations on age structure of the population 273 (1999) 150
Maksymowicz, A.Z., *see* Magdoń, M.S. 273 (1999) 182
Malta, C.P., *see* Diambra, L. 273 (1999) 495
Manwart, C., *see* Biswal, B. 273 (1999) 452
Mártin, H.O., *see* Parrondo, A.L. 273 (1999) 360

Olemskoi, A.I. and Brazhnyi, V.A., Supersymmetric field theory of non-equilibrium thermodynamic system 273 (1999) 368
Orea, P. and Jiménez-Aquino, J.I., Three variable models in multivariate transient stochastic dynamics. The presence of constant external force 273 (1999) 315
Øren, P.E., *see* Biswal, B. 273 (1999) 452

Parrondo, A.L. and Mártin, H.O., Annihilation reaction in a quasi-one-dimensional substrate 273 (1999) 360
Peng, C.-K., *see* Stanley, H.E. 273 (1999) 1
Peng, C.-K., *see* Havlin, S. 273 (1999) 46
Pizio, O., *see* Rzysko, W. 273 (1999) 241

Ramakumar, S., *see* Jain, R. 273 (1999) 476
Rofe-Beketov, F.S., *see* Akhiezer, A.I. 273 (1999) 272
Romiszowski, P. and Sikorski, A., A Monte Carlo study of properties of protein-like heteropolymers 273 (1999) 190
Rzysko, W., Pizio, O. and Sokolowski, S., Structural properties of a two-dimensional model for partly quenched colloidal dispersions 273 (1999) 241

Scalas, E., *see* Indiveri, G. 273 (1999) 217
Schweitzer, F., *see* Tilch, B. 273 (1999) 294
Sikorski, A., *see* Romiszowski, P. 273 (1999) 190
Simons, M., *see* Stanley, H.E. 273 (1999) 1
Sokolowski, S., *see* Rzysko, W. 273 (1999) 241
Spolnik, Z.A., *see* Akhiezer, A.I. 273 (1999) 272
Stanley, H.E., Buldyrev, S.V., Goldberger, A.L., Havlin, S., Peng, C.-K. and Simons, M., Scaling features of noncoding DNA 273 (1999) 1
Stanley, H.E., *see* Buldyrev, S.V. 273 (1999) 19
Stanley, H.E., *see* Havlin, S. 273 (1999) 46
Stanley, R.H.R., *see* Buldyrev, S.V. 273 (1999) 19
Stauffer, D., Why care about sex? Some Monte Carlo justification 273 (1999) 132
Stauffer, D., *see* de Oliveira, P.M. 273 (1999) 145
Szczepanik, D., *see* Mackiewicz, P. 273 (1999) 103

Tataru, O., Family, F. and Amar, J.G., Post-deposition island growth with long-range interactions 273 (1999) 231
Thomas, D.M. and Wasserstein-Robbins, F., Analysis of a nonautonomous Nicholson Blowfly model 273 (1999) 198
Tilch, B., Schweitzer, F. and Ebeling, W., Directed motion of Brownian particles with internal energy depot 273 (1999) 294
Tonellato, P.J., *see* Kendziorski, C.M. 273 (1999) 439

Vandewalle, N., *see* Ausloos, M. 273 (1999) 33

Wasserstein-Robbins, F., *see* Thomas, D.M. 273 (1999) 198

Yang, C.-P. and Guo, G.-C., Resonance fluorescence of N entangled atoms in a strong driving field 273 (1999) 352
Yukalov, V.I. and Gluzman, S., Self-similar crossover in statistical physics 273 (1999) 401
Yulmetyev, R.M. and Gafarov, F.M., Dynamics of the information entropy in random processes 273 (1999) 416

Zakaria, K., Nonlinear Kelvin–Helmholtz instability of a subsonic gas–liquid interface in the presence of a normal magnetic field 273 (1999) 248